SPECIFICATION SHEET
SKU : 5570PE31G
August 10, 2011 - 2:17 pm

ENG APVD - LK 2010-02-08
MRKTG APVD - MS 2010-02-08

SKU 5570PE31G

PRODUCT DIAMOND AMD ATI Radeon™ HD 5570 PCI Express GDDR3 1GB Graphic Card

PRODUCT SHORT DESCRIPTION

INTERFACE	PCI Express x16
GPU	5570
CORE CLOCK	650 MHz
MEMORY CLOCK	1600 MHz
MEMORY CONFIGURATION	64M x 16
MEMORY TYPE	GDDR3
MEMORY BANDWIDTH	25.6GB/sec
MEMORY SIZE	1024MB
MEMORY CONTROLLER INTERFACE	128 bit
PORTS	Dual-Link DVI,HDMI,VGA
DUAL LINK DVI	NA

PRODUCT DETAILED DESCRIPTION

- 627 million 40nm transistors
- TeraScale 2 Unified Processing Architecture

400 Stream Processing Units
20 Texture Units
32 Z/Stencil ROP Units
8 Color ROP Units

- GDDR3 memory interface
- PCI Express 2.1 x16 bus interface
- DirectX® 11 support

Shader Model 5.0
DirectCompute 11
Programmable hardware tessellation unit
Accelerated multi-threading
HDR texture compression
Order-independent transparency

- OpenGL 3.2 support
- Image quality enhancement technology

Up to 24x multi-sample and super-sample anti-aliasing modes
Adaptive anti-aliasing
16x angle independent anisotropic texture filtering
128-bit floating point HDR rendering

- ATI Stream acceleration technology

OpenCL Support
DirectCompute 11
Accelerated video encoding, transcoding, and upscaling

- ATI CrossFireX™ multi-GPU technology

Dual GPU scaling

- ATI Avivo™ HD Video & Display technology

UVD 2 dedicated video playback accelerator
Advanced post-processing and scaling
Dynamic contrast enhancement and color correction
Brighter whites processing (Blue Stretch)
Independent video gamma control
Dynamic video range control
Support for H.264, VC-1, MPEG-2, and Adobe Flash
Dual-stream 1080p playback support10,11
DXVA 1.0 & 2.0 support
Integrated dual-link DVI output with HDCP
Max resolution: 2560x1600
Integrated HDMI 1.3 output with Deep Color, xvYCC wide gamut support, and high bit-rate audio Max resolution: 1920x1200
Integrated VGA output
Max resolution: 2048x1536
3D stereoscopic display/glasses support
Integrated HD audio controller
Output protected high bit rate 7.1 channel surround sound over HDMI with no additional cables required
Supports AC-3, AAC, Dolby TrueHD and DTS Master Audio formats
ATI PowerPlay™ power management technology
Dynamic power management with low power idle state
Ultra-low power state support for multi-GPU configurations
Certified drivers for Windows 7, Windows Vista, and Windows XP

PRODUCT FEATURES

ATI Radeon HD 5500 Series graphics processors offer the most features and functionality in its class. With ATI Radeon HD 5500 Series graphics processors you get a multi-purpose graphics solution for maximum versatility.
The Diamond ATI Radeon HD 5570 includes our most comprehensive feature set to date. Along with DirectX 11, including Shader Model 5.0, and OpenGL 3.21 capabilities, the Diamond ATI Radeon HD 5570 also supports integrated HDMI 1.3, integrated HDCP and native support for Blu ray and HD DVD decode. Diamond ATI Radeon HD 5570 with support for Windows XP, Windows Vista, and fully compliant support for Windows 7, makes this a great value for your PC.

SYSTEM REQUIREMENT

EXTERNAL POWER REQUIREMENT	
CPU	Pentium Intel Duo, AMD X64 or higher
CPU SPEED	2.4 GHz or higher CPU
MEMORY	1024MB
HARD DISK	480MB available hard disk space
SYSTEM BUS	PCI Express x16
SLOT	SINGLE
CHASSIS	ATX
MONITOR	Digital flat-panel (DFP) displays or DVI-I Compatilbe or digital CRT display or High-resolution VGA monitor
INTERNET ACCESS	NO
USB	NO
CD DVD	YES
POWER SUPPLY	400 Watt

OPERATING SYSTEM	WINDOWS-7-32 WINDOWS-7-64 WINXP WINXP64 WINVISTA32 WINVISTA64 MCE
FORM FACTOR	Standard Profile Full-Height
DIMENSIONS	[PRODUCT] : 11.5 x 9.5 x 2.875 inches [RETAIL BOX] : 11.5 x 9.5 x 2.875 inches [S BUILDER] :
WEIGHT	[PRODUCT WEIGHT] : .50 Lbs [PRODUCT WITH CONTENT WEIGHT] : 2.0 Lbs
UPC	RETAIL PACKAGE UPC : 757448010077

PACKAGE CONTENT

- 5570PE31G
- INSTALL CD
- QUICK START GUIDE

PRODUCT WEBPAGE http://www.diamondmm.com/5570PE31G.php

The information presented in this document is for information purposes only. The information contained herein is subject to change and may be rendered inaccurate for many reasons, including, but not limited to product and specification changes, new model and/or product releases, product differences between differing manufacturers, software changes, BIOS flashes, firmware upgrades, or the like. Diamond Multimedia assumes no obligation to update or otherwise correct or revise this information. Diamond Multimedia makes no representations or warranties with respect to the contents hereof and assumes no responsibility for any inaccuracies, errors or omissions that may appear in this information. However, Diamond Multimedia reserves the right to revise this information and to make changes from time to time to the content hereof without obligation of Diamond Multimedia to notify any person of such revisions or changes. Please see your Diamond Multimedia sales representative for any questions regarding this product information.

Diamond, Diamond Multimedia and Stealth are registered trademarks of Diamond Multimedia.
AMD,ATI, Graphics by ATI, Graphics by AMD, and Radeon are trademarks of Advanced Micro Devices, Inc.
All other trademarks are property of their respective owners.
© 2009 Diamond Multimedia. All rights reserved.

Diamond Multimedia
20740 Plummer St. Chatsworth, CA 91311
Tel: (818) 534-1414 Fax: (818) 773-9619
http://www.diamondmm.com